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Using events to build large scale distributed applications R Hayton, J Bacon, J Bates, K Moody of the 7th workshop on ACM, 1996 - portal acm and a client proxy object will inherit Register and Callback methods. Figure 1 illustrates th involved in a session between a Print service and a client of that service, and figure 2 gives example code for the client and server. 3 Composite Events Clients of event services Cited by 38 - Related articles - All 4 versions	
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PDF EQUIP: a software platform for distributed interactive systems C Greenhalph - Submitted to UIST, 2002 - Citeseer T1 to server 4c. T1 to client Publishing Client 3. Proxy subscription Figure 6. Demand-driv Distribution. Discussion Subscription to events and data items is based on the built- in pattern matching between all IDL-defined classes (in particular events and data items) Cited by 29 - Related articles - View as HTML - All 7 versions	

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G Banga, JC Mogul, P Druschel - Proceedings of the USENIX Annual ..., 1999 - usenix.org ... This **proxy** does not cache responses. It can be configured to use either select() or our new **event** API. In all of the experiments presented here, we gener- ate load using two kinds of clients. The "hot" connections come from a set of processes running the S-Client software [2 ... Cited by 120 - Related articles - View as HTML - All 25 versions

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M Henning - IEEE Internet Computing, 2004 Cited by 79 - Related articles - Bl. Direct - All 7 versions

Pure Corba

F Bolton - 2001 - portal.acm.org

... The Role of the POA **Manager**. The RootPOA Object and the POA Hierarchy. POA Policies. ... Request Interceptors. **Client**-Side Interceptor. Server-Side Interceptor. ... Summary. Download Chapter Download Chapter 1 TokenChapter 12. Events **Service**. CORBA **Event Service** Patterns ... Cited by 48 - Related articles

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Using events to build large scale distributed applications

R Hayton, J Bacon, J Bates, K Moody - ... of the 7th workshop on ACM ..., 1996 - portal.acm.org ... Note that the **client** may provide an additional piece of state at registration time that is returned ... **service** that generates a Seen **event** whenever a badge is detected in a room. We may combine these events with those from a fire **alarm service** and those from an active database in ... Cited by 38 - Related acticles - All 4 versions

Software component composition based on ADL and middleware

H Mei, J Chang, F Yang - Science in China Series F: Information ..., 2001 - Springer ... distributed processes, **event**-based , main-subroutine , pipe-and-filter No. 2 SOFTWARE COMPONENT COMPOSITION BASED ON ADZ & **MIDDLEWARE** 143 ... **Table** 1 shows how these abstractions can be used to describe different kinds of entities in software architecture. ... Cited by 45 - Related articles - Ail 4 versions

Event-driven programming for robust software

F Dabek, N Zeidovich, F Kaashoek, D ... - Proceedings of the ..., 2002 - portal.acm.org ... program- mer to incrementally add parallelism to an application by focusing on just the **event** callbacks that are ... parallelizing the entire computation, by (for exam- ple) creating one server thread per client; this means ... libasync-mp maintains a single **queue** of pending call- backs. ... Cited by 35 - Related articles - All 38 versions

Architectural mismatch or why it's hard to build systems out of existing parts

D Garlan, R Allen, J Ockerbloom - 1995 - computer.org

... the main components are a collection of tools and the architectural design **manager** (which consists primarily ... The second interaction is handled by a pair of **event** kinds, "Request" and "Reply ... When the message arrives, the Softbench **client** library invokes the **callback** procedure. ... Cited by 587 - Related articles - BL Direct - All 31 versions

Peer-to-peer overlay broker networks in an event-based middleware

PR Pietzuch, J Bacon - ... international workshop on Distributed event ..., 2003 - portal acm.org ... An event broker that main- tains client connections is called a local event broker and can be publisher-hosting, subscriber-hosting, or both. ... spanning tree) Figure 5: E1: Hop count per event notification ver- sus number of subscribers (n s) 0 ... Number of Routing Table Entries ... Cited by 130 - Related articles - All 16 versions

Middleware for reactive components: An integrated use of context, roles, and event ...

A Rakotonirainy, J Indulska, S Loke, A Zaslavsky - **Middleware** 2001, 2001 - Springer ... 5] WG which is defining a vocabulary for de- scribing device capabilities, as well as protocols to transmit these device profiles from the **client**. ... join(ref) **Event** coordination Coordination **Manager Service** Discovery Dedicated Managers or Distributed services/ network protocols ... Cited by 29 - Related articles - Bt. Direct - All 10 versions

Programming languages as operating systems (or revenge of the son of the Lisp ...

M Flatt, R8 Findler, S Krishnamurthi, M ... - Proceedings of the ..., 1999 - portal.acm.org ... MrEd acts as a high-level OS to **service** the GUI, security, and scalability needs of SchemeEsq. ... so the action is best specified as a **callback** in the make-object vases, **event**-handling is ... Each eventspace maintains its own **queue** of events, its own collection of frames, and its own ... Cited by 50 - Related articles - BL Direct - All 13 versions

[PDF] EM-an environment manager for building networked virtual environments

Q Wang, M Green, C Shaw - Proc. IEEE Virtual Reality Annual ..., 1995 - Citeseer

... Figure 2: Architecture Of The Environment Manager ... If an event has occurred, EM activates the

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corresponding behavior, puts it on the active behavior list, and runs it at the next time step. ... We put the "server box" of BrickNet's **client**/server architecture down in each peer. ... Cited by 73 - Related articles - View as HTML - All 9 versions

[PDF] Efficient and flexible cosimulation environment for DSP applications

W Sung, S Ha - IEICE Transactions on Fundamentals of Electronics, ..., 1998 - Citeseer

... Evenwhen there is no responsepacket at the current global clock, the **client** simulator sends a ... On receiv- ing the response packet, the backplane schedules this response packet to its **event queue**. ... not all the **event** driven simulators allow the user to get the next **event** time, the ...

Cited by 25 - Related articles - View as HTML - BL Direct - All 9 versions

[CITATION] Designing Grid-based problem solving environments and portals

G Von Laszewski, I Foster, J Gawor, P Lane, N Rehn, M ... - System Sciences, 2001. ..., 2001

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The anatomy of a context-aware application

A Harter, A Hopper, P Steggles, A Ward, P Webster - Wireless Networks, 2002 - Springer ... mobile computing, sentient computing, context-aware computing, location sensors, resource monitoring, **middleware**, spatial indexing ... Data caching is used to improve **client** retrieval times. ... This is shown in fig- ure 6. The data is distributed using an **event service** which ensures ...

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[сітатіон] The SIMBA user alert service architecture for dependable alert delivery

YM Wang, P Bahl, W Russell - Dependable Systems and Networks, 2001, OSN ..., 2001

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LuaTS - A Reactive **Event**-Driven Tuple Space

MA Leal, NLR Rodriguez, R Ierusalimschy - J. UCS, 2003 - jucs.org

... The programming task becomes easier when compared to traditional **client**/server and multithreaded architectures and is less errorprone. ... As already mentioned, they also support the concept of an **event**, but just through a notification **service** that has a fairly complex ...

Cited by 9 - Related articles - All 8 versions

[PDF] Cineast-an extensible web browser

E Köppen, G Neumann, S Nusser - Proceedings of the WebNet ..., 1997 - nm.wu-wien.ac.at

... The development of new features on the **client** side is dominated by a few companies ... It is the **Event Manager's** responsibility to trigger the protocol modules of libwww whenever data ... for the re- sponse behavior of any network application - the same **event** handling mechanism ...

Cited by 16 - Related articles - View as HTML - All 4 versions

јспатіон A CORBA-based object group service and a join service providing ...

M Aleksy, A Korthaus - Software Engineering for Parallel and Distributed ..., 2000

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[PDF] Interfaces and algorithms for a wide-area event notification service

A Carzaniga, DS Rosenblum, AL Wolf - 1999 - Citeseer

... A more in-depth treatment of **client** mobility is beyond the scope of this paper and is something we are ... string what = **alarm** integer level > 3 integer level < 7 E N S string what = **alarm** integer level = 5 ... Rich languages and logics exist that allow one to express **event** patterns [23]. ...

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Profile-directed optimization of event-based programs

M Rajagopalan, SK Debray, MA Hitunen, ... - Proceedings of the ..., 2002 - portal.acm.org

... the composite protocol and numerous internal events used to structure the internal processing of a message or **service** request. ... One difference between the three mechanisms relates to scope—actions have global scope in an X client, while the scope of **event** handlers and ...

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[PDF] A distributed location system for the active oce

A Harter, A Hopper - IEEE network, 1994 - Citeseer

... programming in the form of non-preemptive threads, and support for synchronisation in the form of **event** counts and ... The action on detecting incompatibility is **client** dependent, but typically applications terminate. ... The immediate thought is 'Which **alarm**?' or 'Mail from whom? ...

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client (event OR alarm OR alert) (see Search

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